

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062019\
 Data File : VD062804.D
 Acq On : 20 Jun 2019 19:53
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 16:20:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	84	0.03
2 T	Dichlorodifluoromethane	0.647	0.500	22.7#	66	0.00
3 P	Chloromethane	0.487	0.374	23.2#	68	0.00
4 C	Vinyl Chloride	0.482	0.346	28.2#	59	0.00
5 T	Bromomethane	0.226	0.203	10.2	66	0.00
6 T	Chloroethane	0.218	0.192	11.9	69	0.00
7 T	Trichlorofluoromethane	0.976	0.812	16.8	69	0.02
8 T	Diethyl Ether	0.124	0.098	21.0#	59	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.420	20.6#	68	0.02
10 T	Methyl Iodide	0.698	0.556	20.3#	64	0.02
11 T	Tert butyl alcohol	0.025	0.019	24.0#	68	0.02
12 CM	1,1-Dichloroethene	0.397	0.330	16.9#	70	0.00
13 T	Acrolein	0.025	0.022	12.0	80	0.02
14 T	Allyl chloride	0.586	0.477	18.6	66	0.02
15 T	Acrylonitrile	0.058	0.047	19.0	67	0.03
16 T	Acetone	0.122	0.088	27.9#	67	0.00
17 T	Carbon Disulfide	1.268	1.005	20.7#	65	0.02
18 T	Methyl Acetate	0.164	0.143	12.8	75	0.03
19 T	Methyl tert-butyl Ether	0.859	0.749	12.8	69	0.03
20 T	Methylene Chloride	0.414	0.339	18.1	70	0.02
21 T	trans-1,2-Dichloroethene	0.423	0.365	13.7	72	0.02
22 T	Diisopropyl ether	1.192	1.008	15.4	70	0.03
23 T	Vinyl Acetate	0.746	0.624	16.4	68	0.04
24 P	1,1-Dichloroethane	0.776	0.650	16.2	68	0.03
25 T	2-Butanone	0.102	0.086	15.7	69	0.04
26 T	2,2-Dichloropropane	0.823	0.681	17.3	67	0.04
27 T	cis-1,2-Dichloroethene	0.447	0.371	17.0	69	0.03
28 T	Bromochloromethane	0.273	0.262	4.0	81	0.02
29	Tetrahydrofuran	0.048	0.040	16.7	71	0.03
30 C	Chloroform	0.944	0.834	11.7#	72	0.02
31 T	Cyclohexane	0.510	0.396	22.4#	64	0.03
32 T	1,1,1-Trichloroethane	0.983	0.827	15.9	67	0.03
33 S	1,2-Dichloroethane-d4	0.543	0.618	-13.8	101	0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.03
35 S	Dibromofluoromethane	0.422	0.455	-7.8	101	0.03
36 T	1,1-Dichloropropene	0.473	0.383	19.0	67	0.03
37 T	Ethyl Acetate	0.217	0.160	26.3#	69	0.03
38 T	Carbon Tetrachloride	0.712	0.672	5.6	79	0.03
39 T	Methylcyclohexane	0.417	0.339	18.7	67	0.03
40 TM	Benzene	0.950	0.820	13.7	72	0.03
41 T	Methacrylonitrile	0.250	0.205	18.0	70	0.04
42 TM	1,2-Dichloroethane	0.518	0.454	12.4	71	0.03
43 T	Isopropyl Acetate	0.248	0.202	18.5	66	0.03
44 TM	Trichloroethene	0.372	0.312	16.1	69	0.03
45 C	1,2-Dichloropropane	0.236	0.194	17.8#	70	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.203	0.176	13.3	74	0.03
47 T	Bromodichloromethane	0.527	0.479	9.1	72	0.02
48 T	Methyl methacrylate	0.176	0.142	19.3	71	0.03
49 T	1,4-Dioxane	0.001	0.001	0.0	69	0.02
50 S	Toluene-d8	0.918	0.980	-6.8	93	0.03
51 T	4-Methyl-2-Pentanone	0.176	0.145	17.6	71	0.02
52 CM	Toluene	0.639	0.564	11.7#	73	0.03
53 T	t-1,3-Dichloropropene	0.431	0.397	7.9	77	0.02
54 T	cis-1,3-Dichloropropene	0.469	0.399	14.9	70	0.03
55 T	1,1,2-Trichloroethane	0.219	0.190	13.2	76	0.03
56 T	Ethyl methacrylate	0.234	0.200	14.5	71	0.03
57 T	1,3-Dichloropropane	0.336	0.280	16.7	70	0.02
58 T	2-Chloroethyl Vinyl ether	0.120	0.127	-5.8	91	0.03
59 T	2-Hexanone	0.125	0.114	8.8	75	0.02
60 T	Dibromochloromethane	0.409	0.367	10.3	75	0.02
61 T	1,2-Dibromoethane	0.259	0.237	8.5	77	0.02
62 S	4-Bromofluorobenzene	0.417	0.459	-10.1	99	0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.02
64 T	Tetrachloroethene	0.412	0.374	9.2	77	0.02
65 PM	Chlorobenzene	0.928	0.767	17.3	66	0.02
66 T	1,1,1,2-Tetrachloroethane	0.434	0.363	16.4	68	0.02
67 C	Ethyl Benzene	1.666	1.349	19.0#	68	0.00
68 T	m/p-Xylenes	0.580	0.512	11.7	71	0.02
69 T	o-Xylene	0.530	0.467	11.9	68	0.02
70 T	Styrene	0.932	0.846	9.2	73	0.02
71 P	Bromoform	0.297	0.273	8.1	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.02
73 T	Isopropylbenzene	3.206	2.450	23.6#	68	0.00
74 T	N-amyl acetate	0.779	0.632	18.9	68	0.00
75 P	1,1,2,2-Tetrachloroethane	0.522	0.413	20.9#	73	0.00
76 T	1,2,3-Trichloropropane	0.577	0.465	19.4	71	0.02
77 T	Bromobenzene	0.862	0.705	18.2	70	0.00
78 T	n-propylbenzene	3.731	2.838	23.9#	70	0.00
79 T	2-Chlorotoluene	2.132	1.810	15.1	75	0.02
80 T	1,3,5-Trimethylbenzene	2.693	2.207	18.0	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.151	0.118	21.9#	69	0.02
82 T	4-Chlorotoluene	2.567	1.944	24.3#	69	0.02
83 T	tert-Butylbenzene	3.002	2.481	17.4	73	0.00
84 T	1,2,4-Trimethylbenzene	2.760	2.206	20.1#	69	0.00
85 T	sec-Butylbenzene	3.262	2.649	18.8	74	0.00
86 T	p-Isopropyltoluene	2.984	2.367	20.7#	67	0.02
87 T	1,3-Dichlorobenzene	1.546	1.252	19.0	71	0.00
88 T	1,4-Dichlorobenzene	1.553	1.263	18.7	72	0.00
89 T	n-Butylbenzene	2.793	2.216	20.7#	73	0.02

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90 T	Hexachloroethane	0.802	0.644	19.7	68	0.00
91 T	1,2-Dichlorobenzene	1.322	1.105	16.4	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.080	21.6#	67	0.02
93 T	1,2,4-Trichlorobenzene	1.033	0.824	20.2#	73	0.00
94 T	Hexachlorobutadiene	0.789	0.649	17.7	73	0.02
95 T	Naphthalene	1.448	1.183	18.3	70	0.00
96 T	1,2,3-Trichlorobenzene	0.794	0.682	14.1	77	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6